

LCN ILLUSTRATED PARTS LIST "Introduction"

How to Use the LCN Parts List

The *LCN Illustrated Parts List* is designed to help technical service or maintenance personnel correctly identify parts that may be required to return an LCN closer to service.

Parts List Organization

The *LCN Illustrated Parts List* identifies replacement parts that are available through many LCN distributors. The sections, in order, are the 4000 Series, the 1000 Series, the Fire/Life Safety Series, the High Security Series, & the Power Operator Series. Closers are listed in numerical order within each section. Major components such as cylinder assemblies, covers, arm assemblies, & track assemblies are listed within each individual closer series. Many times, a complete component assembly has individual replacement parts available.

Casting (Forging) Numbers

Many LCN parts or components have casting or forging numbers stamped or raised on the surface. An example would be the '71' or '320G' on an LCN cylinder assembly. These numbers really do not identify a particular part or component. You should follow the 'How to Order' page in the latest edition of the LCN Catalog or call LCN Customer Service for assistance.

Additional Information

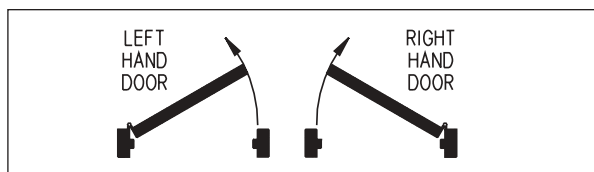
In addition to the closer series, suffix number, and short description, many parts and components require more information. Items that require more information have letters listed to the right of the description. The letter(s) are defined as follows.

F – Finish. Indicate the powder coat or plated finish desired. Not all parts and components are available with a plated finish. Refer to either the latest edition of the LCN Catalog

or the current LCN Price List for a standard powder coat finish chart and available plated finish designations. A bright metallic (MTLPC) finish is also available. Bright metallic is a powder coat alternative to US26D. RAL custom finishes are also available.

S – Size. Refers to the spring power of the closer. The larger the number, the more power the closer may have to close a door. Several closer series have an adjustable 'size 1' available. In many cases, a 'size 1' closer will meet low opening force requirements. Some 'size 1' closers are not adjustable. Please refer to the latest edition of the LCN Catalog for clarification on individual closer spring power.

H – Hand. Please specify either RH (Right Hand) or LH (Left Hand). The hand of a door can be determined several ways. The latest edition of the LCN Catalog has an easy to use diagram that may be utilized as a reference.



V – Voltage. Some parts and components require voltage. Please specify either 24v or 120v.

Part and Component Pricing

Prices for parts and components listed with the *LCN Illustrated Parts List* can be found in the current LCN Price List. The Price List contains basic ordering & product information.

LCN ILLUSTRATED PARTS LIST "Introduction"

How to Order

1. Identify the closer series; 4110, 4040, 1460, 1520, 2030, 3130, 4310ME, etc.
2. Refer to the page(s) illustrating the service parts available for the specific closer and select the part required by using the closer series and the suffix.
3. Check to the right of the part description. If additional information is required, please provide it.
4. Order the parts required using the closer series, suffix number, finish, size, hand, and/or voltage.

Part or Component Identification

If the part you require is not shown in the **LCN Illustrated Parts List**, it may be obsolete. Contact your distributor, your local Security & Safety Consultants office or LCN Customer Service.

Ordering Examples

Here are a few examples of what an item may look like as it is ordered. Please refer to the 'How to Order' page at the end of each individual closer series within the LCN Catalog.

2310ME-3351 x On/Off Switch x 24v
4040SE-3038 x Track x AL x 120v
4020T-72MC x Metal Cover x RH x AL
4313ME-3971 x Cylinder x LH x AL x 24v
3130-3054 Hold Open Clip
4040-62PA x Parallel Arm Shoe x DKBRZ
4010-18 Plate x AL
1520-3077SCNS Arm x BRASS
2030-169 Bumper Assembly
4640-3462 Controller Assembly
7910-956 Actuator
SEM7850-825 Door Armature Only

Trademarks

List of trademarks that may appear in the **LCN Illustrated Parts List**. This list includes but is not limited to the following:

Cush-n-Stop®	Equalizer®
Pacer®	Quest®
Sentronic®	Shield and Device®
Smoothee®	Thriftee®
Super Stock®	Super Smoothee®

Additional Assistance

If any additional assistance is needed, call LCN at (800) 526-2400. Our Customer Service or Technical Support Team will do their very best to offer door control solutions on any of the products listed within the **LCN Illustrated Parts List**.

Please note....

Every effort has been made to insure the accuracy of the **LCN Illustrated Parts List**. If an error does exist, please contact LCN Customer Service. Errors and omissions will be incorporated into the next edition of the **LCN Illustrated Parts List**. Illustrations are designed to show general shape and size of a part and the relationship that part has to other parts. Actual size and shape of parts or components may differ or vary from the actual part or component that is shipped. LCN offers this information as a reference only. All information is subject to change without notice from LCN. If any additional information is needed, please call LCN Customer Service or Technical Support at (800) 526-2400. You may also visit LCN on the web at www.lcnclosers.com.

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2210	1
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4210	5
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POWER OPERATORS

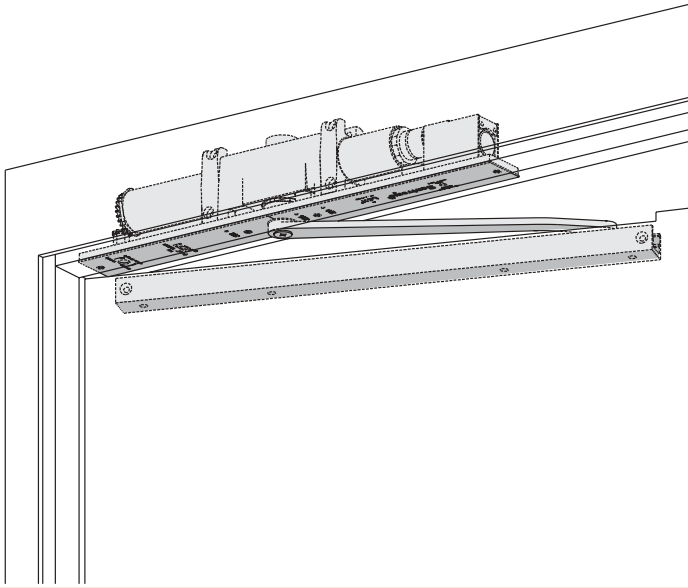
2610 Pneumatic	1
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Please specify finish **(F)**, size **(S)**, hand **(H)**, & voltage **(V)** where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.

LCN ILLUSTRATED PARTS LIST

Please specify finish **(F)**, size **(S)**, hand **(H)**, & voltage **(V)** where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.

CONCEALED (IN FRAME) MOUNTING



The 2310ME SENTRONIC® is a concealed heavy duty, electrically controlled closer/holder designed to provide infinitely adjustable hold-open for fire and smoke barrier doors. Door is held open until current interruption releases mechanism and the door closes. Single lever (track) arm closer is specifically designed for interior doors. Choice of finishes, cylinder functions, and installation accessories meet virtually all life safety requirements.

The 2310ME Series is UL & ULC listed for smoke barrier or labeled fire doors. Tested and certified under ANSI Standard A156.15. Conforms to life safety code, NFPA 101.

- ▶ Standard 2310ME series closer shipped with either 24V or 120V cylinder (please specify), two piece metal finish plate, standard arm, track, and wood and machine screw pack. See 2310ME Series page 19 for options.
- ▶ Sized cylinders for interior doors to 4'0".
- ▶ Functions as full rack and pinion door closer when hold-open is not engaged or current is interrupted.
- ▶ Handed for right or left swinging door.
- ▶ Built-in "On/Off" switch controls hold-open function.
- ▶ Interfaces with fire alarm systems. Consult factory.
- ▶ Standard or optional custom powder coated finish.
- ▶ Optional plated finish on arm, fasteners and finish plate.

MOUNTING					FINISH		COVER		CYLINDER			*ARM FUNCTION			
HINGE (PULL) SIDE	TOP JAMB (PUSH)	STOP FACE (PUSH)	CONCEALED (FRAME)	CONCEALED (DOOR)	POWDER COAT	PLATED	PLASTIC	METAL	HANDED	NON-SIZED	SIZED	SINGLE-POINT HOLD-OPEN	MULTI-POINT HOLD-OPEN	BYPASS 80/140	160°
○	○	○	●	○	●	●	○	●	●	○	●	○	○	○	○

● Available
○ Not available

* Maximum hold-open with standard template. See individual closer series for degrees of opening and hold-open per installation.

LCN 2310ME SERIES

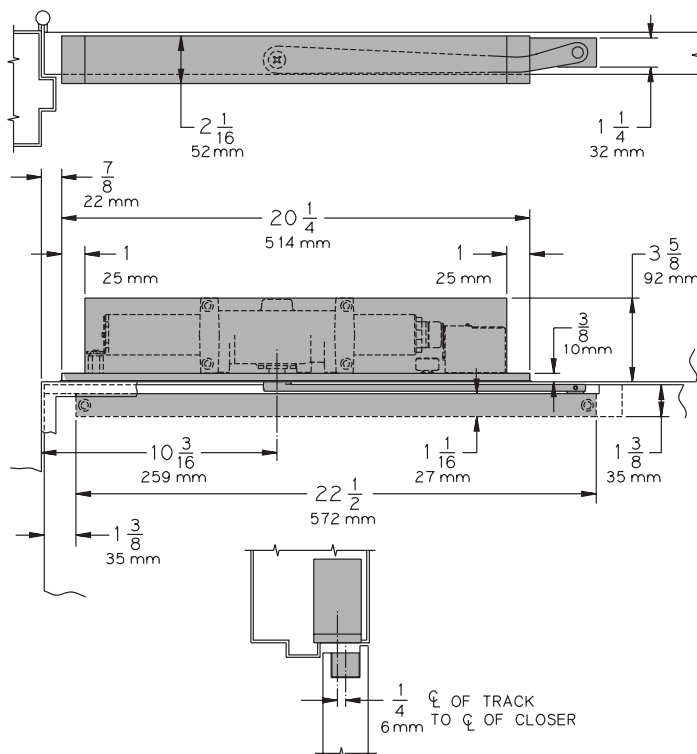
CONCEALED MOUNTING

For interior smoke barrier and labeled fire doors.

MAXIMUM OPENING

Templating allows 180°.

Infinite hold-open points up to 160°.



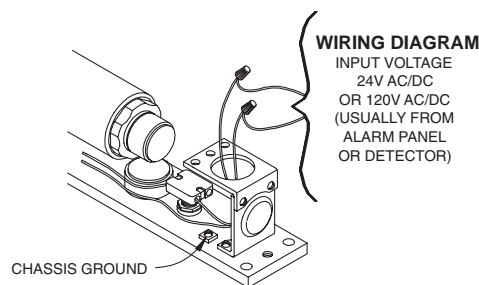
- ▶ **Butt Hinges** should not exceed 5" (127 mm) in width.
- ▶ **Top Rail** $1\frac{3}{8}$ " (35 mm) mortise required.
 $5\frac{1}{16}$ " (8 mm) cutout required at top of door, stop face only.
- ▶ **Door Thickness** $1\frac{3}{4}$ " (44 mm) minimum.
- ▶ **Door Width** 2'4" (711 mm) minimum.
- ▶ **Hollow Metal Frame** Requires minimum 4" (102 mm) x 4" frame. Consult factory or template for preparation details.
- ▶ **Bypass** (suffix "B80" or "B140") eliminates hold-open function up to a specified point of the doors swing.
B80 cylinder from 0° to 80°.
B140 cylinder from 0° to 140°.
- ▶ **Wiring Diagram**

Options

- ▶ Hold-open bypass.
- ▶ 24V or 120 volt input, please specify.

Special Templates

Customized installation templates or products may be available to solve unusual applications. Contact LCN for assistance.



ME (2310) WIRING DIAGRAM

CYLINDER

ME CYLINDER, 2310ME-3971

Standard, handed cast iron cylinder assembly. 24V holding solenoid **(24)** or 120V holding solenoid **(120)**, please specify. For various applications see "Table of Sizes" on 2310ME Series page 20.

ME CYLINDER, 2310ME-3071

Standard, handed cylinder and mounting plate assembly. "On/Off" switch assembly controls hold-open function. Circuitry accepts either AC or DC input. 24V holding solenoid **(24)** or 120V holding solenoid **(120)**, please specify. For various applications see "Table of Sizes" on 2310ME Series page 20.

ARM

STANDARD ARM, 2310ME-3077T

Handed arm.

TRACK

STANDARD TRACK, 2310ME-3038

Standard, non-handed track.

SWITCH

SWITCH, 2310ME-3351

"On/Off" switch assembly provides continuous hold-open function. Available as 24V or 120V, please specify.

INSTALLATION ACCESSORIES

FIRE SHIELD, 2310ME-420

22 gauge steel liner mounts in the track mortise of the door's top rail for 20 minute labeled wood doors with hollow metal frames.

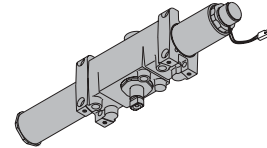
TRANSFORMER, 4040SE-3210

Reduces line voltage from 120V to 24V AC. Mounted on plate for 4" (102 mm) x 4" x 2 1/8" (54 mm) junction box (by others).

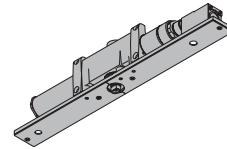
TRACK ROLLER, 2310ME-3034

Quiet, low friction roller assembly. Shoulder dimension "X" = 1/16" (2 mm).

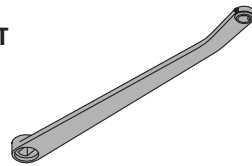
3971



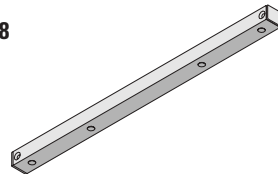
3071



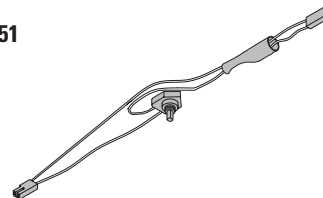
3077T



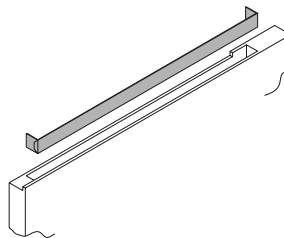
3038



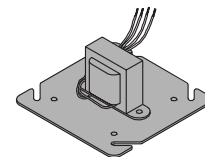
3351



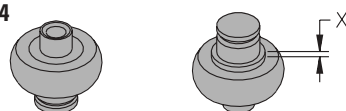
420



3210



3034

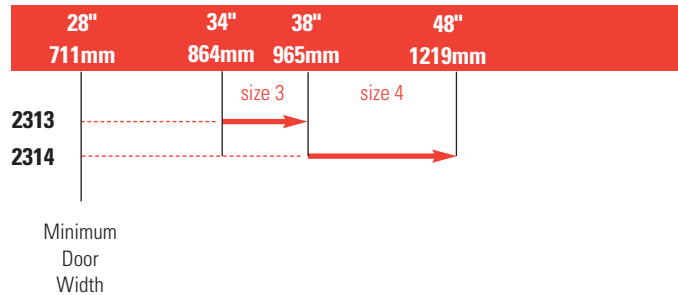


LCN 2310ME SERIES

TABLE OF SIZES Select closer based on width of door.
Sized 2310ME series cylinders available in size 3 or 4.
Closing power of all 2310ME Series closers may be increased 15%.

Indicates recommended range of door width for closer size.

INTERIOR DOOR WIDTH



HOW-TO-ORDER 2310ME SERIES CLOSERS

1. SELECT CYLINDER SIZE.

- ☐ 2313ME
- ☐ 2314ME

2. SPECIFY HAND.

- ☐ RH
- ☐ LH

3. VOLTAGE

- ☐ 24V AC/DC
- ☐ 120V AC/DC

4. SPECIFY FINISH.

- ☐ Standard Powder Coat _____
Aluminum, Dark Bronze, Tan, Statuary,
Light Bronze, Black, Brass.

Closer will be shipped with:

- FINISH PLATES,
 - STANDARD ARM,
 - STANDARD TRACK,
 - TRACK ROLLER,
 - WOOD & MACHINE SCREW PACK,
- unless options listed below are selected.

CLOSER OPTIONS

CYLINDER FUNCTION

- ☐ Bypass 80° (B80)
- ☐ Bypass 140° (B140)

FINISH

- ☐ Custom Powder Coat (RAL) _____
- ☐ Plated Finish, US _____

SCREW PACK

- ☐ TORX Machine Screw (TORX)

INSTALLATION ACCESSORIES

- ☐ Fire Shield, 2310ME-420
- ☐ Transformer, 4040SE-3210

SPECIAL TEMPLATE

- ☐ ST-_____

LCN 3130SE SERIES

Cylinder Assemblies

3133(4)SE-3071	Cylinder Assembly	F, S, H
	<i>Includes mounting channel, Screw pack (WMS standard – please specify other) Cylinder assembly is sized, please specify (not adjustable)</i>	

Individual Cylinder Parts

Individual cylinder parts for 3130SE-3071

3130SE-159	Arm Screw	F
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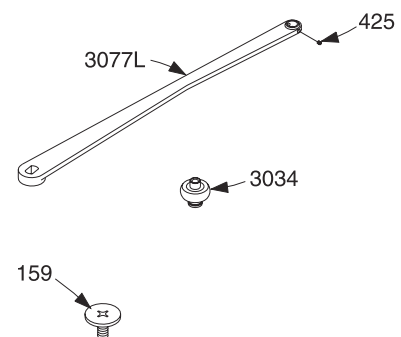
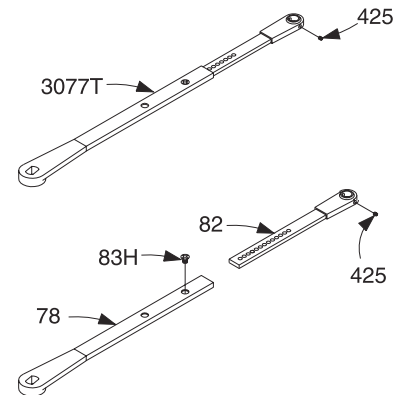
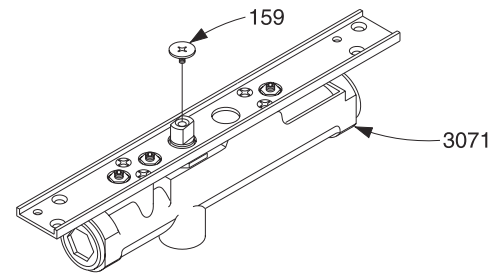
Arm Assemblies

3130SE-3077T	Standard Arm	F, H
	<i>Includes 3130SE-83H, 159 & 425</i>	
3130SE-3077L	Long Arm	F, H
	<i>Includes 3130SE-83H, 159 & 425</i>	
	<i>Note: A 3130SE-3077L 'Long Arm' can only be used with a 3130SE-3038L 'Long Track'</i>	

Individual Arm Parts

Individual arm parts for 3130SE-3077T & 3130SE-3077L

3130SE-78	Main Arm & Tube	F, H
	<i>Includes 3130SE-159</i>	
3130SE-82	Rod	F
	<i>Includes 3130SE-425 & -83H</i>	
3130SE-83H	H Arm Screw	F
3130SE-159	Arm Screw	F
3130SE-425	Roller Locking Screw	
3130SE-3034	Track Roller	



Please specify finish (F), size (S), hand (H), & voltage (V) where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.

LCN 3130SE SERIES

Track Assemblies

3130SE-3038	Standard Track	F, V
	<i>Length is 22 3/4" (578mm)</i>	
	<i>Includes 3130SE-59A, -60 (3), -73 (2), -168, -3034, & -3436</i>	
3130SE-3038L	Long Track	F, V
	<i>Length is 25 3/4" (654mm)</i>	
	<i>Includes 3130SE-59A, -60 (3), -73(2), -168, -3034, & -3436</i>	
	<i>Note: A 3130SE-3038L 'Long Track' can only be used with a 3130SE-3077L 'Long Arm'</i>	

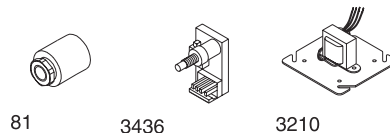
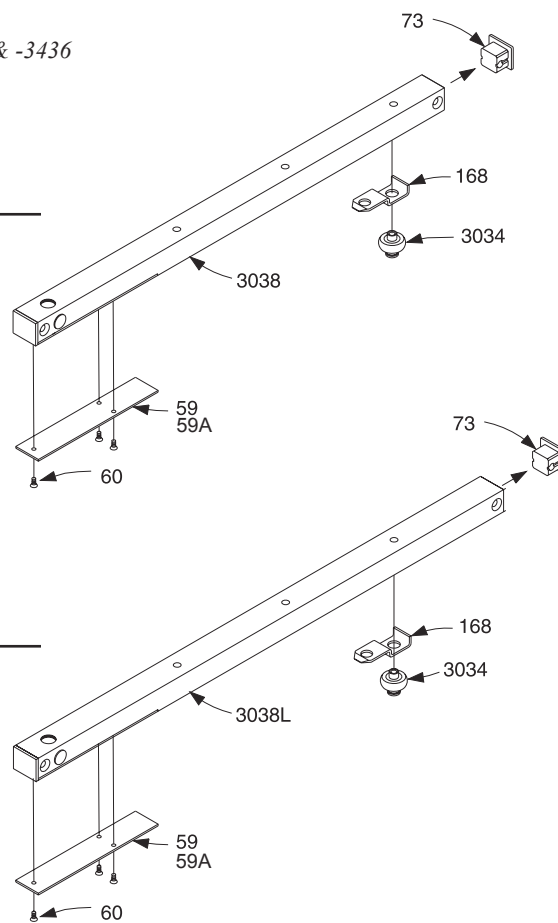
Individual Track Parts

Individual track parts for 3130SE-3038 & 3130SE-3038L

3130SE-59	Cover Plate	F
	<i>Use for products manufactured prior to 11/2003</i>	
	<i>Includes 3130SE-60 (3)</i>	
3130SE-59A	Cover Plate	F
	<i>Use for products manufactured 11/2003 or after</i>	
	<i>Includes 3130SE-60 (3)</i>	
3130SE-60	Cover Plate Screw	F
3130SE-73	End Cap	
3130SE-168	Track Slider	
3130SE-3034	Track Roller	

Installation Accessories

3130SE-81	Connector with ring	
3130SE-3436	SE On/Off Switch	
4040SE-3210	Transformer	V



Please specify finish (F), size (S), hand (H), & voltage (V) where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.

LCN 4040SE SERIES

Cylinder Assemblies

4040SE-3071	Cylinder Assembly	F
<i>Includes screw pack (WMS standard – please specify other)</i>		
<i>Cylinder assembly is adjustable for sizes 3 and 4</i>		

Individual Cylinder Parts

Individual cylinder parts for 4040SE-3071

4040SE-61	Shaft Spacer	
4040SE-159	Arm Screw	F

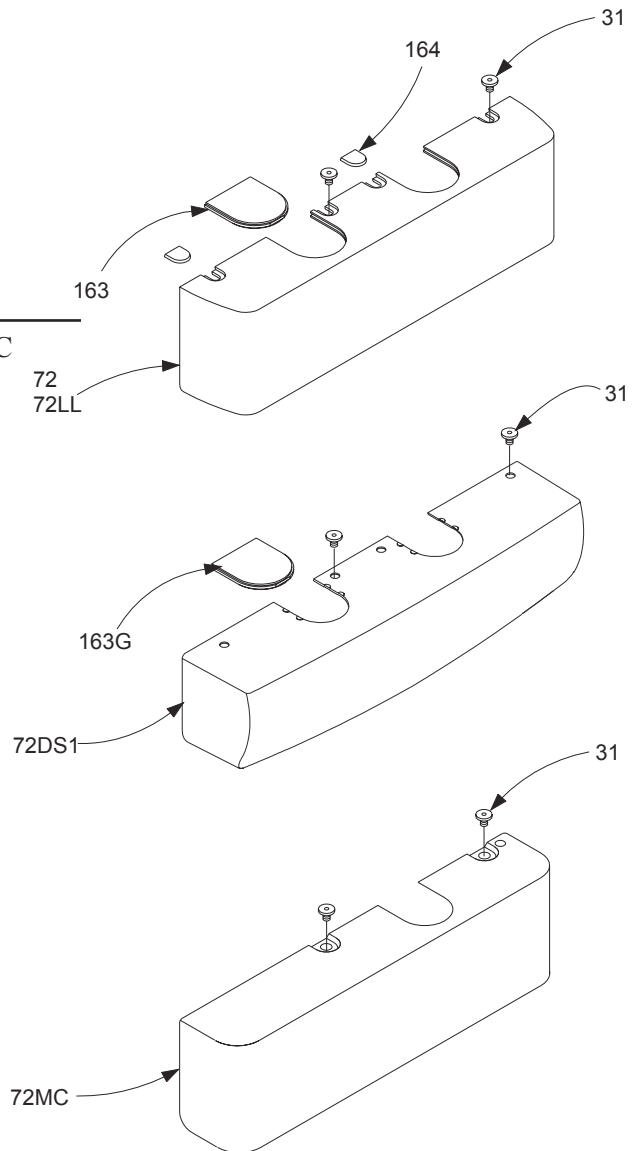
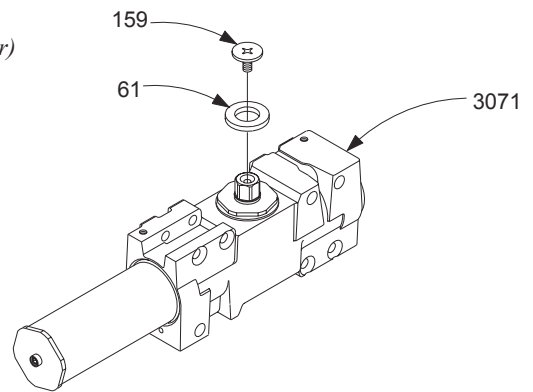
Covers

4040SE-72	Standard Cover	F
<i>Includes 4040SE-31 (2), -163, & -164 (2)</i>		
4040SE-72LL	Lead Lined Cover	F
<i>Includes 4040SE-31 (2), -163, & -164 (2)</i>		
4040SE-72DS1	Designer Series Metal Cover	F
<i>Includes 4040SE-31 (2), -163G</i>		
4040SE-72MC	Metal Cover	F, H
<i>Includes 4040SE-31 (2)</i>		

Individual Cover Parts

Individual cover parts for 4040SE-72, -72DS1, -72LL, & -72MC

4040SE-31	Cover Screw	F
4040SE-163	Arm Insert	F
4040SE-163G	Arm Insert (DS1)	F
4040SE-164	Screw Insert	F



Please specify finish (F), size (S), hand (H), & voltage (V) where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.

LCN 4040SE SERIES

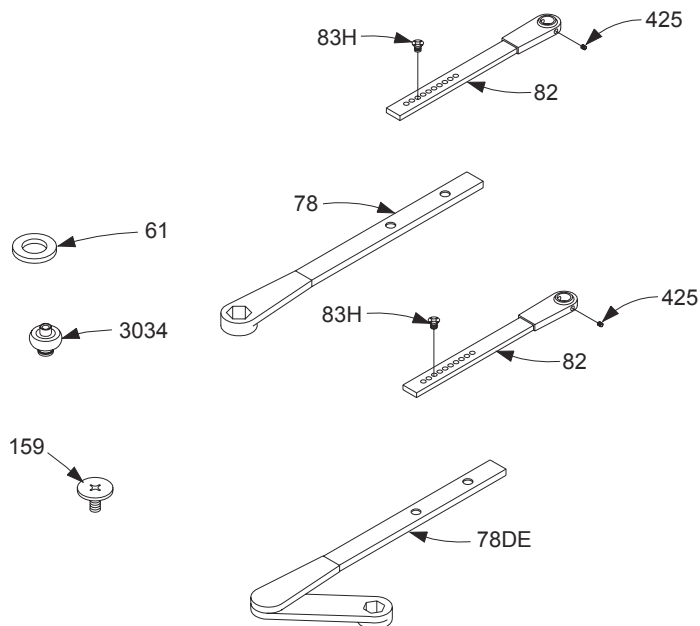
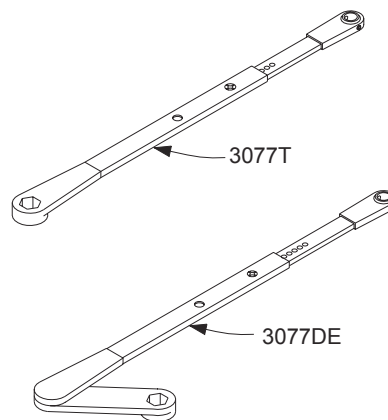
Arm Assemblies

4040SE-3077T	Standard Arm	F
	<i>Includes 4040SE-78, -82, -83H, -159 & -425</i>	
4040SE-3077DE	Double Egress Arm	F, H
	<i>Includes 4040SE-78DE, -82, -83H, -159 & -425</i>	

Individual Arm Parts

Individual arm parts for 4040SE-3077T & 4040SE-3077DE

4040SE-61	Shaft Spacer	F
4040SE-78	Arm & Tube	F
	<i>Includes 4040SE-159</i>	
4040SE-78DE	Main Arm & Tube	F, H
	<i>Includes 4040SE-159</i>	
4040SE-82	Rod	F
	<i>Includes 4040SE-83H & -425</i>	
4040SE-83H	H Arm Screw	F
4040SE-159	Arm Screw	F
4040SE-425	Roller Locking Screw	
4040SE-3034	Track Roller	



Please specify finish (**F**), size (**S**), hand (**H**), & voltage (**V**) where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.

LCN 4040SE SERIES

Track Assemblies

4040SE-3038	Standard Track	F, V
<i>Includes 4040SE-59A, -60 (3), -73 (2), -141 (2), -141-1 (4), 141-2 (3), -168, -3034 & -3436</i>		
<i>Length is 22 3/4" (578mm)</i>		
4040SE-3038L	Long Track	F, V
<i>Includes 4040SE-59A, -60 (3), -73 (2), -141 (2), -141-1 (4), -141-2 (3), -168, -3034 & -3436</i>		
<i>Length is 25 3/4" (654mm)</i>		

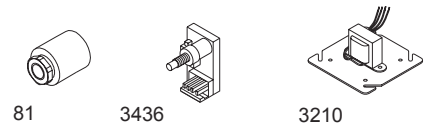
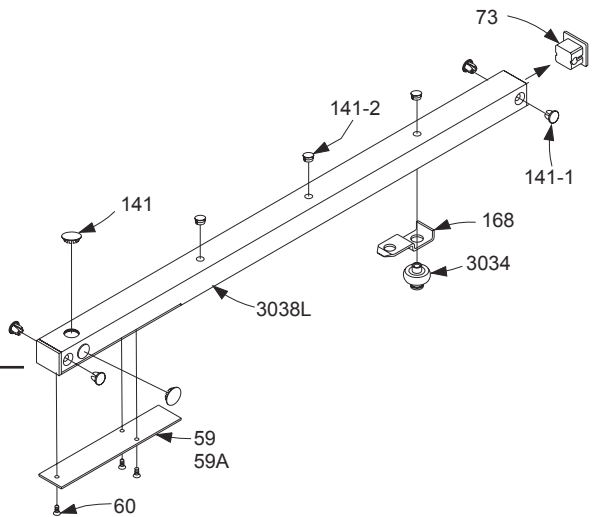
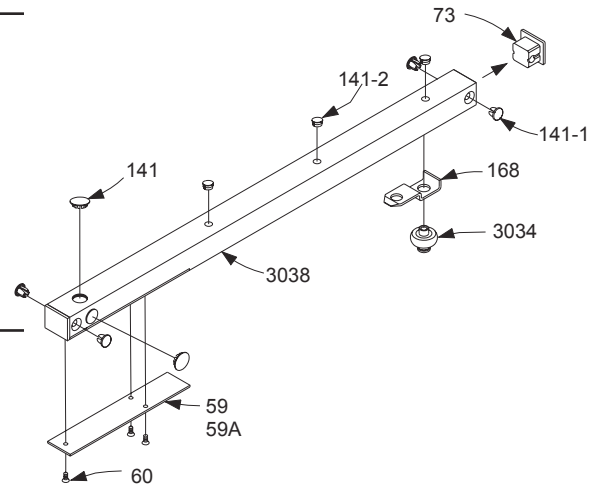
Individual Track Parts

Individual track parts for 4040SE-3038 & 4040SE-3038L

4040SE-59	Cover Plate	F
<i>Use for products manufactured prior to 11/2003</i>		
<i>Includes 4040SE-60 (3)</i>		
4040SE-59A	Cover Plate	F
<i>Use for products manufactured 11/2003 or after</i>		
<i>Includes 4040SE-60 (3)</i>		
4040SE-60	Cover Plate Screw	F
4040SE-73	End Cap	
4040SE-141	Conduit Plug	F
4040SE-141-1	Track Plug	F
4040SE-141-2	Track Plug	F
4040SE-159	Arm Screw	F
4040SE-168	Track Slider	
4040SE-3034	Track Roller	

Installation Accessories

4040SE-81	Connector with ring	
4040SE-3210	Transformer	V
4040SE-3436	SE On/Off Switch	



Please specify finish (**F**), size (**S**), hand (**H**), & voltage (**V**) where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.

LCN 4310HSA SERIES

Cylinder Assemblies

4311HSA-3071	Cylinder Assembly	F, S, H, V
<i>Includes mounting plate and all electronic components, Screw pack (WMS standard – please specify other). Cylinder assembly is size specific (not adjustable)</i>		

Individual Cylinder Parts

Individual cylinder parts for 4311HSA-3071

4310HSA-18	Mounting Plate	F, H
4310HSA-61	Shaft Spacer	
4310HSA-159	Arm Screw	F
4310HSA-3428	Scanner Module	
4310HSA-3448	Timer Module	
4311HSA-3971	Cylinder Only	F, S, H, V
<i>Includes solenoid only – no other electronic components, Screw pack (WMS standard – please specify other). Cylinder assembly is size specific (not adjustable)</i>		

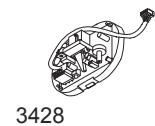
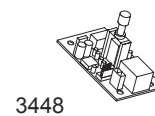
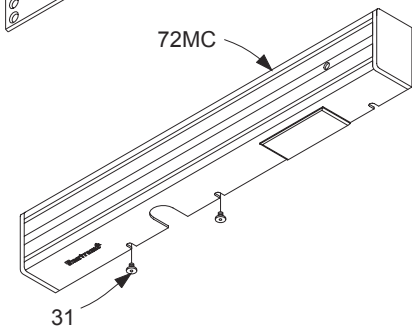
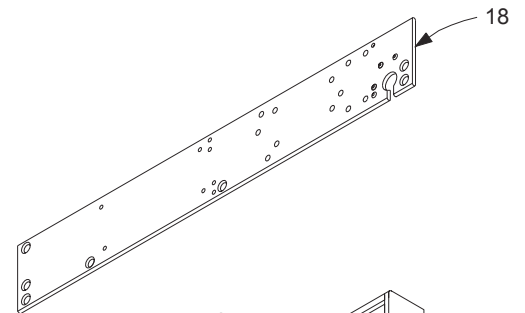
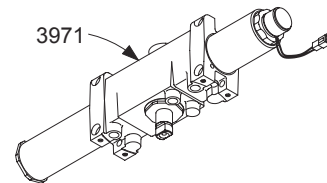
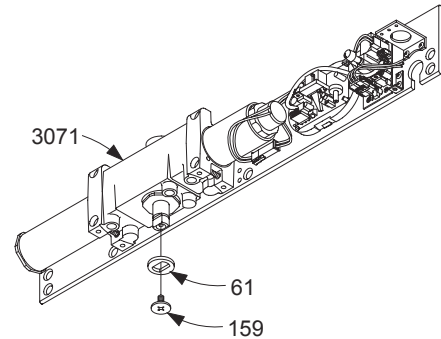
Covers

4310HSA-72MC	Metal Cover	F, H
<i>Includes 4310HSA-31 (3)</i>		

Individual Cover Parts

Individual cover parts for 4310HSA-72MC

4310HSA-31	Cover Screw	F
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Please specify finish (**F**), size (**S**), hand (**H**), & voltage (**V**) where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.

LCN 4310HSA SERIES

Arm Assemblies

4310HSA-3077T	Standard Arm	F, H
	<i>Includes 4310HSA-159 & -425</i>	
4310HSA-3077DE	Double Egress Arm	F, H
	<i>Includes 4310HSA-159 & -425</i>	

Individual Arm Parts

Individual arm parts for 4310HSA-3077SF

4310HSA-61	Shaft Spacer	
4310HSA-159	Arm Screw	F
4310HSA-425	Roller Locking Screw	
4310HSA-3034	Track Roller	

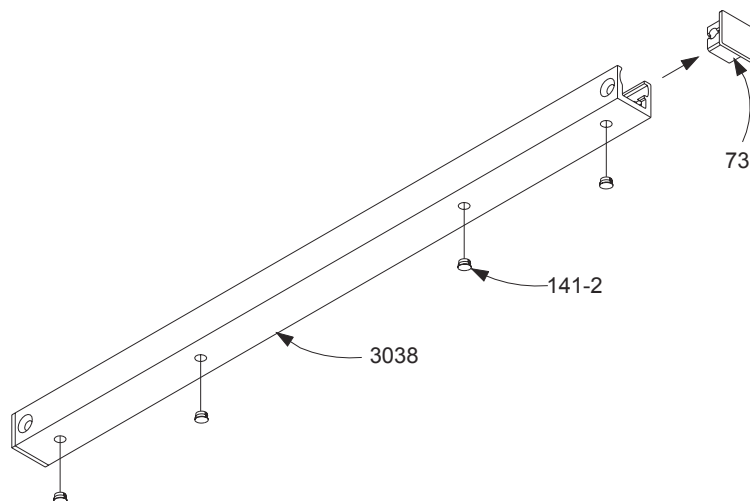
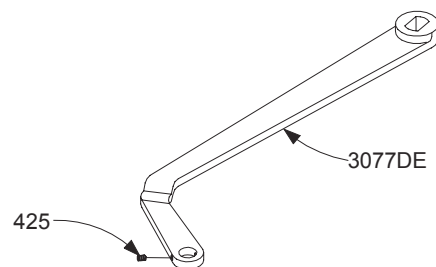
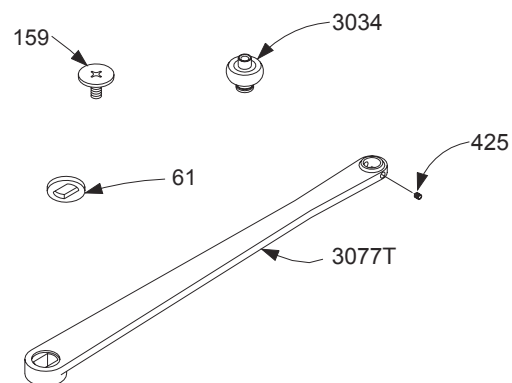
Track Assemblies

4310HSA-3038	Standard Track	F, V
	<i>Includes 4310HSA -73 (2), -141-2 (4), & -3034</i>	
	<i>Length is 22 3/4" (578mm)</i>	

Individual Track Parts

Individual track parts for 4310HSA-3038

4310HSA-73	End Cap	
4310HSA-141-2	Track Plug	F
4310HSA-3034	Track Roller	



Please specify finish (**F**), size (**S**), hand (**H**), & voltage (**V**) where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.

Cylinder Assemblies

4313(4)ME-3071	Cylinder Assembly	F, S, H, V
	<i>Includes mounting plate and all electronic components, Screw pack (WMS standard – please specify other). Cylinder assembly is sized, please specify (not adjustable)</i>	
4313(4)ME-3071B80	Cylinder Assembly w/B80	F, S, H, V
	<i>Includes mounting plate and all electronic components, Screw pack (WMS standard – please specify other). Cylinder assembly is sized, please specify (not adjustable)</i>	
4313(4)ME-3071B140	Cylinder Assembly w/B140	F, S, H, V
	<i>Includes mounting plate and all electronic components, Screw pack (WMS standard – please specify other). Cylinder assembly is sized, please specify (not adjustable)</i>	

Individual Cylinder Parts

Individual cylinder parts for 4313(4)ME-3071

4310ME-18	Mounting Plate	F, H
4310ME-61	Shaft Spacer	
4310ME-159	Arm Screw	F
4310ME-3351	On/Off Switch Assembly	V
4310ME-3354	ME Wiring Harness	
	<i>3 wire, Length is 6" (152mm)</i>	
4313(4)ME-3971	Cylinder Only	F, S, H, V
	<i>Includes solenoid only – no other electronic components, Screw pack (WMS standard – please specify other). Cylinder assembly is sized, please specify (not adjustable)</i>	
4313(4)ME-3971B80	Cylinder Only w/B80	F, S, H, V
	<i>Includes solenoid only – no other electronic components, Screw pack (WMS standard – please specify other). Cylinder assembly is sized, please specify (not adjustable)</i>	
4313(4)ME-3971B140	Cylinder Only w/B140	F, S, H, V
	<i>Includes solenoid only – no other electronic components, Screw pack (WMS standard – please specify other). Cylinder assembly is sized, please specify (not adjustable)</i>	

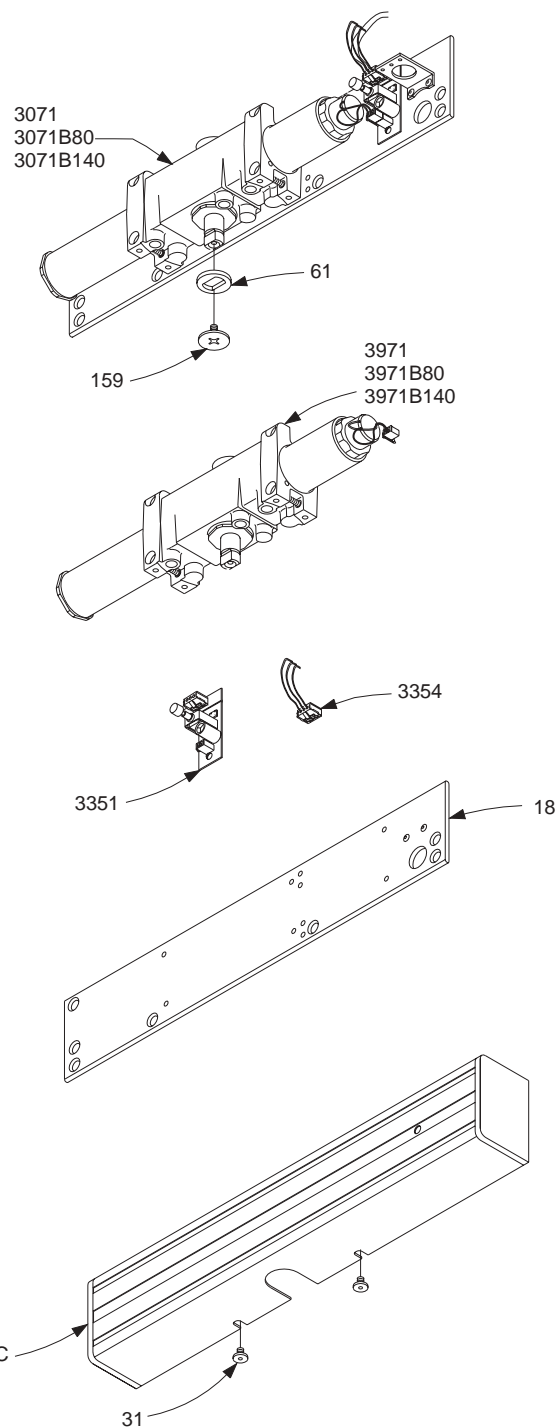
Covers

4310ME-72MC	Metal Cover	F, H
	<i>Includes 4310ME-31 (3)</i>	

Individual Cover Parts

Individual cover parts for 4310ME-72MC

4310ME-31	Cover Screw	F
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Please specify finish (F), size (S), hand (H), & voltage (V) where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.

LCN 4310ME SERIES "Sentronic"

Arm Assemblies

4310ME-3077DE	Double Egress Arm	F, H
	<i>Includes 4310ME-159 & -425</i>	
4310ME-3077SF	Swing Free Arm	F, H
	<i>Includes 4310ME-83, -159 & -425</i>	

Individual Arm Parts

Individual arm parts for 4310ME-3077SF

4310ME-61	Shaft Spacer	
4310ME-83	Arm Screw	F
4310ME-159	Arm Screw	F
4310ME-425	Roller Locking Screw	
4310ME-3034	Track Roller	

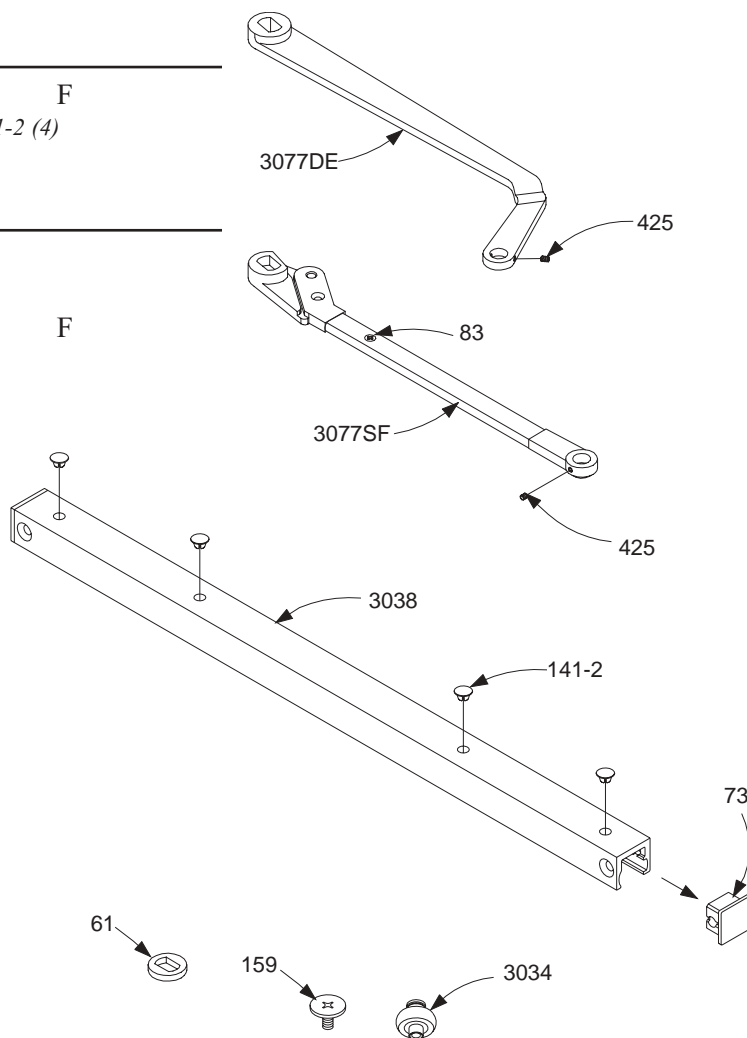
Track Assemblies

4310ME-3038	Standard Track	F
	<i>Includes 4310ME-73 (2), & -141-2 (4)</i>	
	<i>Length is 22 3/4" (578mm)</i>	

Individual Track Parts

Individual track parts for 4310ME-3038

4310ME-73	End Cap	
4310ME-141-2	Track Plug	F
4310ME-3034	Track Roller	



Please specify finish (F), size (S), hand (H), & voltage (V) where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.

LCN 4410HSA SERIES

Cylinder Assemblies

4412HSA-3071	Cylinder Assembly	F, S, H, V
	<i>Includes 4410HSA-18 and all electronic components, Screw pack (WMS standard – please specify other). Cylinder assembly is size specific (not adjustable)</i>	
4412HSA-3071/18G	Cylinder Assembly	F, S, H, V
	<i>Includes 4410HSA-18G and all electronic components, Screw pack (WMS standard – please specify other). Cylinder assembly is size specific (not adjustable)</i>	

Individual Cylinder Parts

Individual cylinder parts for 4412HSA-3071

4410HSA-18	Mounting Plate	F, H
4410HSA-18G	Mounting Plate	F, H
4410HSA-159	Arm Screw	F
4410HSA-3428	Scanner Module	
4410HSA-3448	Timer Module	
4412HSA-3971	Cylinder Only	F, S, H, V
	<i>Includes solenoid only – no other electronic components, Screw pack (WMS standard – please specify other). Cylinder assembly is size specific (not adjustable)</i>	

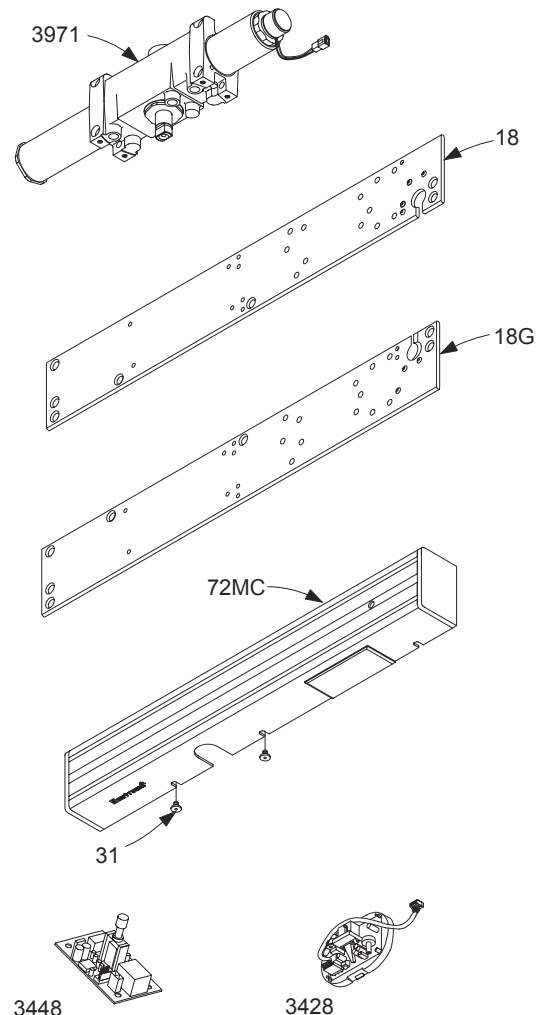
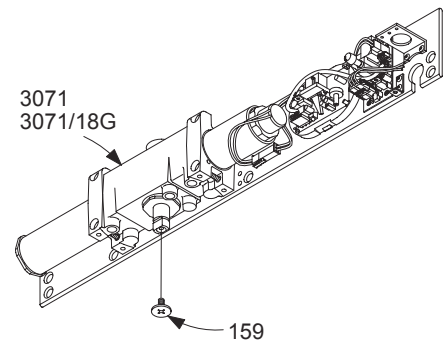
Covers

4410HSA-72MC	Metal Cover	F, H
	<i>Includes 4410HSA-31 (3)</i>	

Individual Cover Parts

Individual cover parts for 4410HSA-72MC

4410HSA-31	Cover Screw	F
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Please specify finish (**F**), size (**S**), hand (**H**), & voltage (**V**) where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.

LCN 4410HSA SERIES

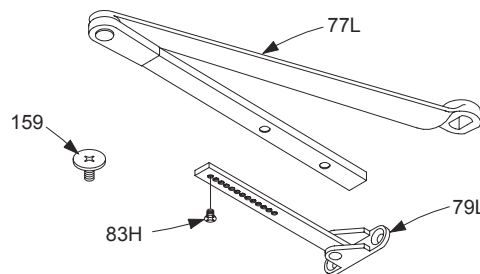
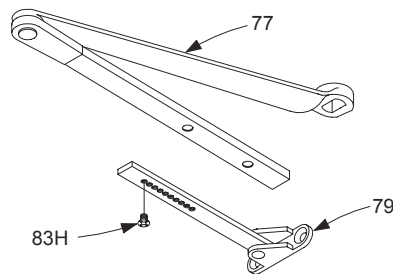
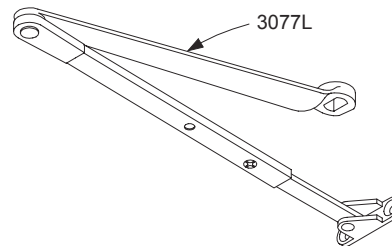
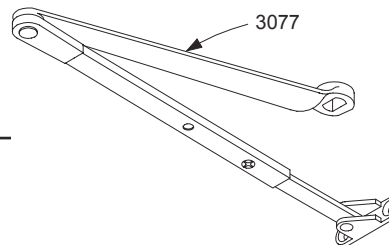
Arm Assemblies

4410HSA-3077	Regular Arm	F, H
	<i>Includes 4410HSA-77, -79, -83H, & -159</i>	
4410HSA-3077L	Long Arm	F, H
	<i>Includes 4410HSA-77 -79LR, -83H, & -159</i>	

Individual Arm Parts

Individual arm parts for 4410HSA-3077, & -3077L

4410HSA-77	Main Arm & Forearm	F
	<i>Includes 4410HSA-159</i>	
4410HSA-77L	Long Arm & Forearm	F
	<i>Includes 4410HSA-159</i>	
4410HSA-79	Rod & Shoe	F
	<i>Includes 4410HSA-83H</i>	
4410HSA-79L	Long Rod & Shoe	F
	<i>Includes 4410HSA-83H</i>	
4410HSA-83H	H Arm Screw	F
4410HSA-159	Arm Screw	F

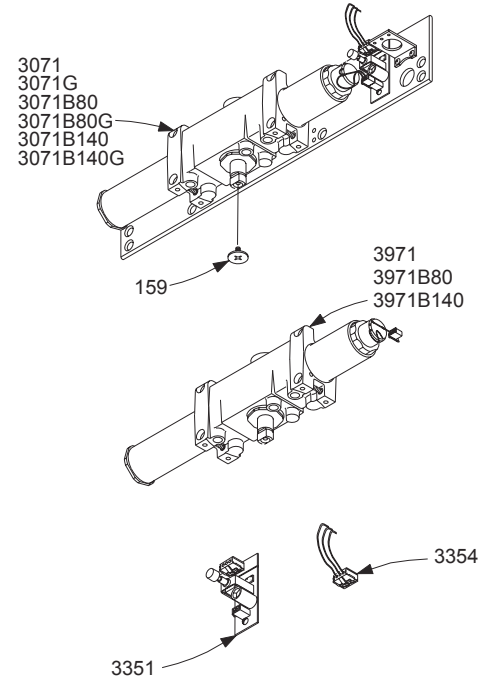


Please specify finish (**F**), size (**S**), hand (**H**), & voltage (**V**) where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.

LCN 4410ME SERIES

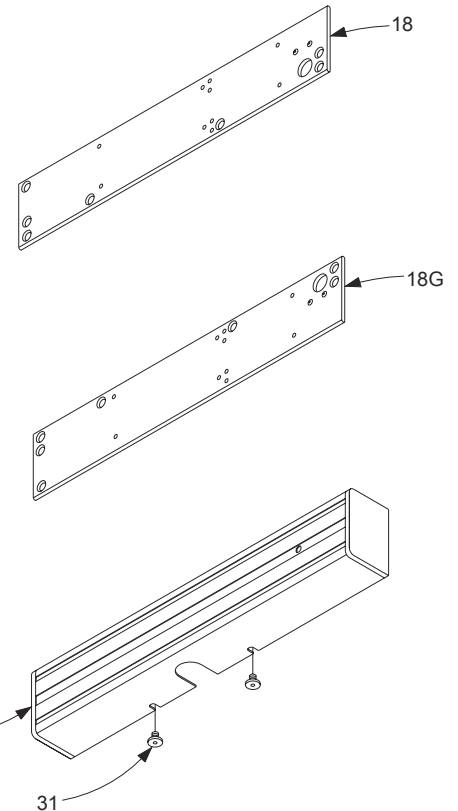
Cylinder Assemblies

4413(4)ME-3071	Cylinder Assembly	F, S, H, V	Includes 4410ME-18 and all electronic components, Screw pack (WMS standard – please specify other). Cylinder assembly is sized, please specify (not adjustable)
4413(4)ME-3071G	Cylinder Assembly	F, S, H, V	Includes 4410ME-18G and all electronic components, Screw pack (WMS standard – please specify other). Cylinder assembly is sized, please specify (not adjustable)
4413(4)ME-3071B80	Cylinder Assembly w/B80	F, S, H, V	Includes 4410ME-18 and all electronic components, Screw pack (WMS standard – please specify other). Cylinder assembly is sized, please specify (not adjustable)
4413(4)ME-3071B80G	Cylinder Assembly w/B80	F, S, H, V	Includes 4410ME-18G and all electronic components, Screw pack (WMS standard – please specify other). Cylinder assembly is sized, please specify (not adjustable)
4413(4)ME-3071B140	Cylinder Assembly w/B140	F, S, H, V	Includes 4410ME-18 and all electronic components, Screw pack (WMS standard – please specify other). Cylinder assembly is sized, please specify (not adjustable)
4413(4)ME-3071B140G	Cylinder Assembly w/B140	F, S, H, V	Includes 4410ME-18G and all electronic components, Screw pack (WMS standard – please specify other). Cylinder assembly is sized, please specify (not adjustable)



Individual Cylinder Parts

Individual cylinder parts for 4410ME-3071			
4410ME-18	Mounting Plate	F, H	
4410ME-18G	Mounting Plate	F, H	
4410ME-159	Arm Screw	F	
4410ME-3351	On/Off Switch Assembly	V	
4410ME-3354	ME Wiring Harness		3 wire, Length is 6" (152mm)
4413(4)ME-3971	Cylinder Only	F, S, H, V	Includes solenoid only – no other electronic components, Screw pack (WMS standard – please specify other). Cylinder assembly is size specific (not adjustable)
4413(4)ME-3971B80	Cylinder Only w/B80	F, S, H, V	Includes solenoid only – no other electronic components, Screw pack (WMS standard – please specify other). Cylinder assembly is size specific (not adjustable)
4413(4)ME-3971B140	Cylinder Only w/B140	F, S, H, V	Includes solenoid only – no other electronic components, Screw pack (WMS standard – please specify other). Cylinder assembly is size specific (not adjustable)

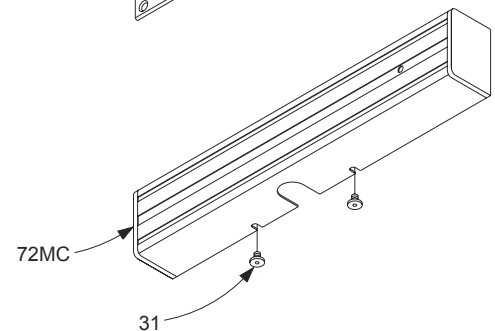


Covers

4410ME-72MC	Metal Cover	F, H
	Includes 4410ME-31 (3)	

Individual Cover Parts

Individual cover parts for 4410ME-72MC		
4410ME-31	Cover Screw	F



Please specify finish (F), size (S), hand (H), & voltage (V) where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.

LCN 4410ME SERIES

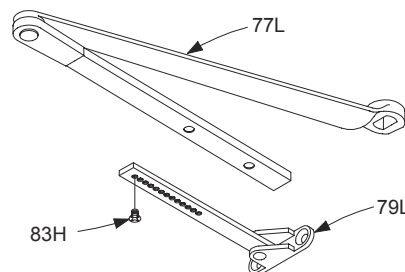
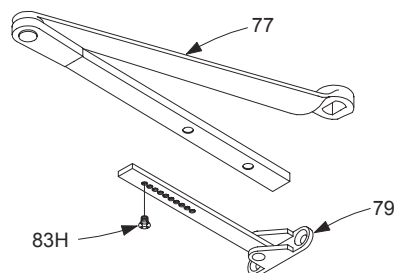
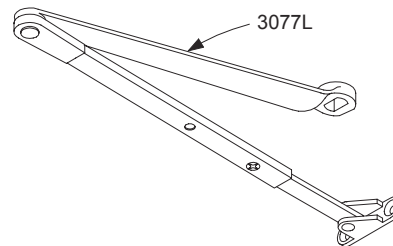
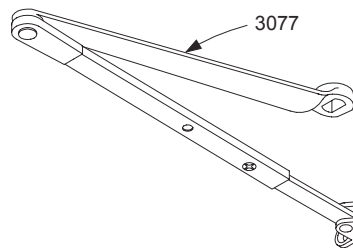
Arm Assemblies

4410ME-3077	Regular Arm	F
	<i>Includes 4410ME-77, 79 & 159</i>	
4410ME-3077L	Long Arm	F
	<i>Includes 4410ME-77L, 79L & 159</i>	

Individual Arm Parts

Individual arm parts for 4410ME-3077 & 3077L

4410ME-77	Arm & Forearm	F
	<i>Includes 4410ME-159</i>	
4410ME-77L	Long Arm & Forearm	F
	<i>Includes 4410ME-159</i>	
4410ME-79	Rod & Shoe	F
	<i>Includes 4410ME-83H</i>	
4410ME-79L	ME Long Rod	F
	<i>Includes 4410ME-83H</i>	
4410ME-83H	H Arm Screw	F
4410ME-159	Arm Screw	F



Please specify finish (F), size (S), hand (H), & voltage (V) where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.

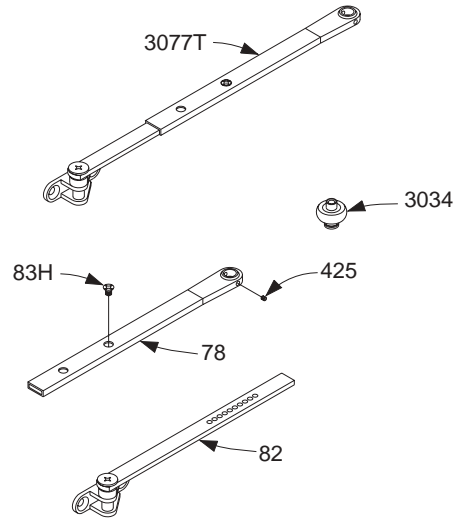
Arm Assemblies.

SEH-3077T	Standard Arm	F
	<i>Includes SEH-78, -82, -83H, & -425</i>	

Individual Arm Parts

Individual arm parts for SEH-3077T

SEH-78	Arm & Tube <i>Includes -159 & -425</i>	F
SEH-82	Rod & Shoe <i>Includes -83H</i>	F
SEH-83H	H Arm Screw	F
SEH-425	Roller Locking Screw	
SEH-3034	Track Roller	



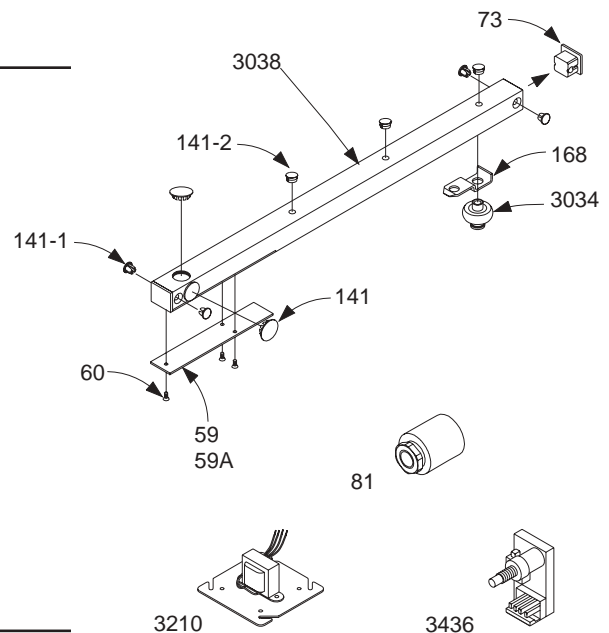
Track Assemblies.

SEH-3038 Standard Track F, V
*Includes SEH-59A, -60 (3), -73 (2), -141 (2),
 -141-1 (4), 141-2 (3) -168, & -3034, -3436
 Length is 22 3/4" (578mm)*

Individual Track Parts

Individual track parts for SEH-3038

SEH-59	Cover Plate	F
	<i>Use for products manufactured prior to 11/2003</i>	
	<i>Includes SEH-60 (3)</i>	
SEH-59A	Cover Plate	F
	<i>Use for products manufactured 11/2003 or after</i>	
	<i>Includes SEH-60 (3)</i>	
SEH-60	Cover Plate Screw	F
SEH-73	End Cap	
SEH-141	Conduit Plug	F
SEH-141-1	Track Plug	F
SEH-141-2	Track Plug	F
SEH-168	Track Slider	
SEH-3034	Track Roller	



Installation Accessories

SEH-81	Connector with ring	
SEH-3436	SE On/Off Switch	V
4040SE-3210	Transformer	V

Please specify finish (**F**), size (**S**), hand (**H**), & voltage (**V**) where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.

LCN SEM7800 SERIES

Complete Magnet Assemblies

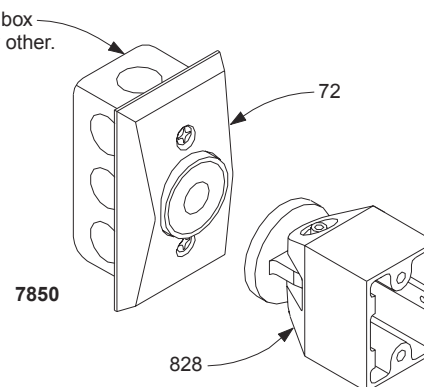
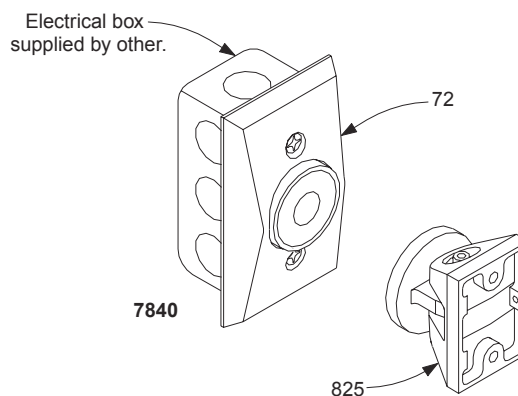
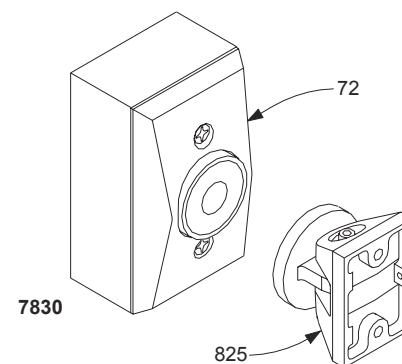
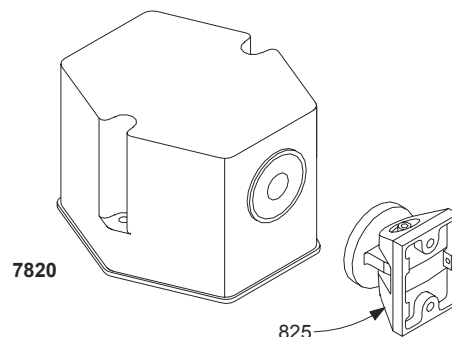
SEM7820	Floor Mounted Magnet	F, V
SEM7830	Surface Wall Mounted Magnet	F, V
SEM7840	Low Profile Recessed Wall Mt.	F, V
SEM7850	Std. Profile Recessed Wall Mt.	F, V

Individual Magnet Parts

Individual magnet parts for SEM7000 Series

LCN is not able to offer the magnet portion or individual box portion of any SEM7800 Series Magnet as an individual replacement part

SEM7820-825	Door Armature	F
SEM7830-72	Standard Cover	F
	<i>Box and magnet <u>not</u> included</i>	
SEM7830-825	Door Armature	F
SEM7840-72	Standard Cover	F
	<i>Box and magnet <u>not</u> included</i>	
SEM7840-825	Door Armature	F
SEM7850-72	Standard Cover	F
	<i>Box and magnet <u>not</u> included</i>	
SEM7850-828	Door Armature	F



Please specify finish (F), size (S), hand (H), & voltage (V) where indicated. See the latest edition of the LCN Catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN Price List.